

Table NS-26-5. North Shore Quality Assurance and Quality Control Remediation Soil Samples - Metals

Location				North Shore											
Sample ID		MDL	PQL	Shore-11824-F-C	Shore-11938	Shore-12140-F-D	Shore-12141-F-D	Shore-12142-F-D	Shore-12143-F-D	Shore-12144-F-D	Shore-12145-F-D	Shore-12146-F-D			
Duplicate ID				Shore-11748-F-Q	QC# 395282	Shore-12361-F-Q	Shore-12362-F-Q	Shore-12363-F-Q	Shore-12364-F-Q	Shore-12365-F-Q	Shore-12366-F-Q	Shore-12367-F-Q			
Parameter	Units			Analytical Results											
On Site Field Screening Duplicates															
Lead (Pb)															
Sample Result	mg/kg	70	350	-	-	270	263	171	292	235	269	78			
Duplicate Result	mg/kg	70	350	-	-	296	294	214	258	246	233	92			
RpD	%					na	na	na	na	na	na	na			
Zinc (Zn)															
Sample Result	mg/kg	150	750	-	-	456	549	353	750	726	894	165			
Duplicate Result	mg/kg	150	750	-	-	897	530	549	908	522	428	83			
RpD	%					na	na	na	19%	na	na	na			
Analytical Laboratory Duplicates															
Lead (Pb)															
Sample Result	mg/kg	100	500	<50	-	-	-	-	-	-	-	-			
Duplicate Result	mg/kg	100	500	243	-	-	-	-	-	-	-	-			
RpD	%			n/a											
Zinc (Zn)															
Sample Result	mg/kg	3	15	456	-	-	-	-	-	-	-	-			
Duplicate Result	mg/kg	3	15	557	-	-	-	-	-	-	-	-			
RpD	%			20%											
Analytical Laboratory Replicates															
Lead (Pb)															
Sample Result	mg/kg	100	500	-	140	-	-	-	-	-	-	-			
Duplicate Result	mg/kg	100	500	-	130	-	-	-	-	-	-	-			
RpD	%				na										
Zinc (Zn)															
Sample Result	mg/kg	3	15	-	447	-	-	-	-	-	-	-			
Duplicate Result	mg/kg	3	15	-	399	-	-	-	-	-	-	-			
RpD	%				11%										

na RpD Value is greater than or equal to 50% and the concentrations of both samples are greater than the PQL.

Notes:

na RpD value is not applicable because one or both results are less than the PQL.

RpD Relative Percent Difference = (Difference/Average)*100.

PQL Practical Quantitation Limit = 5 * Method Detection Limit (MDL).

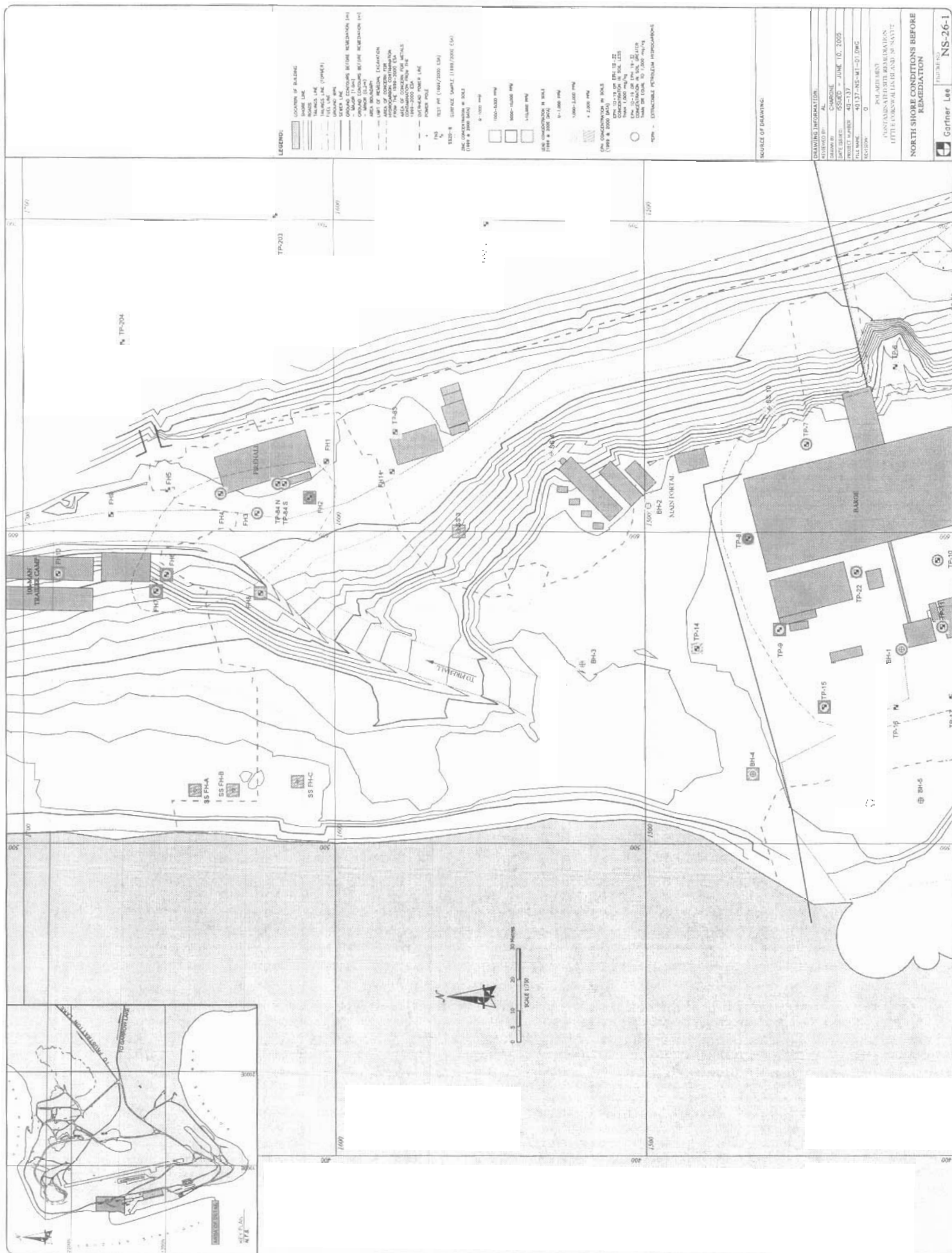
MDL Method Detection Limit of analysis.

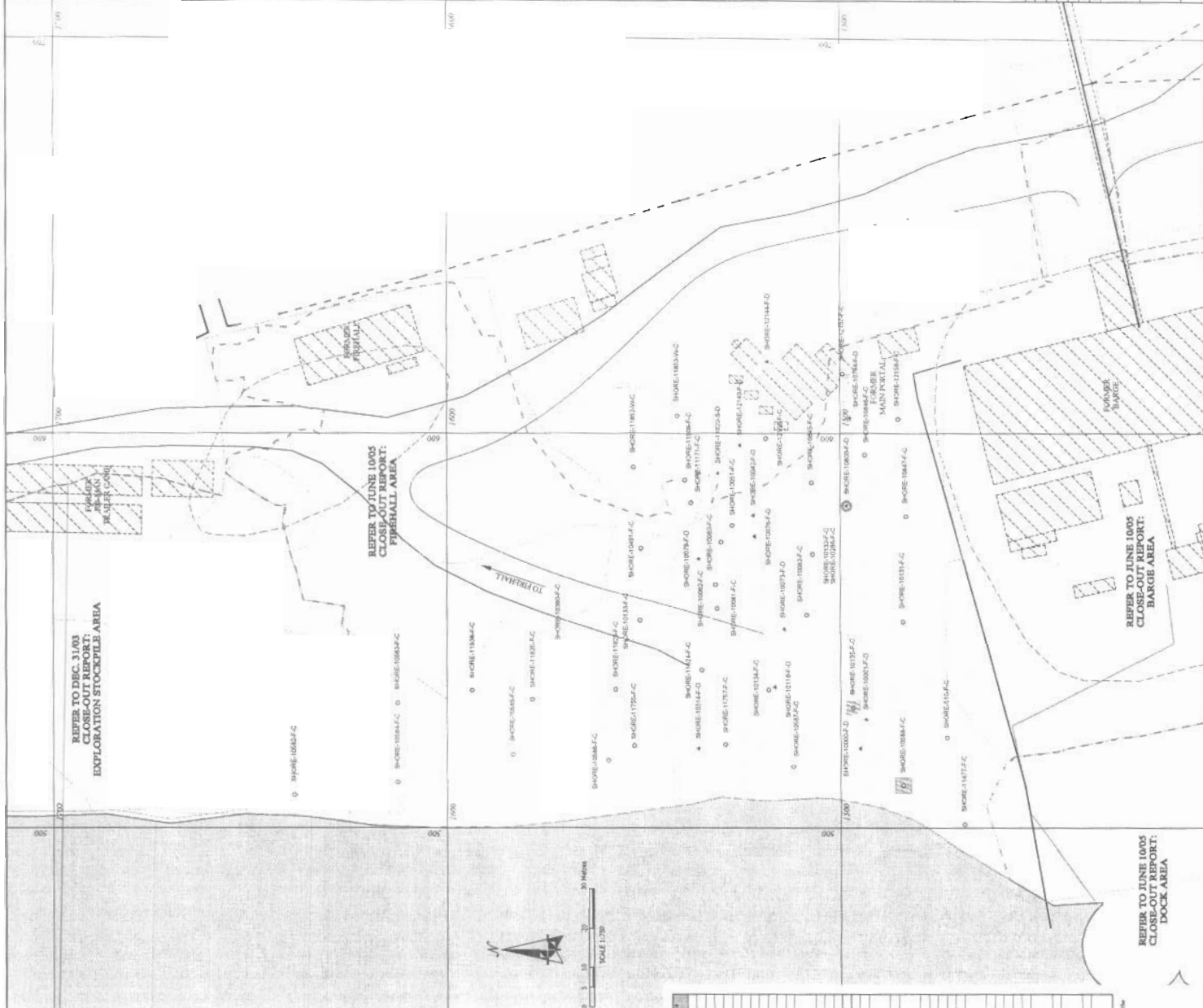
Table NS-26-5. North Shore Quality Assurance and Quality Control Remediation Soil Samples - Metals

Location			North Shore											
Sample ID		MDL	PQL	Shore-12147-F-D	Shore-12148-F-D	Shore-12149-F-D	Shore-12150-F-D	Shore-12151-F-D	Shore-12152-F-D	Shore-12153-F-D	Shore-12154-F-D	Shore-12155-F-D	Shore-12156-F-C	
Duplicate ID				Shore-12368-F-Q	Shore-12369-F-Q	Shore-12370-F-Q	Shore-12371-F-Q	Shore-12372-F-Q	Shore-12373-F-Q	Shore-12374-F-Q	Shore-12375-F-Q	Shore-12376-F-Q	Shore-12159-F-Q	
Parameter	Units													
Analytical Results														
On Site Field Screening Duplicates														
Lead (Pb)														
Sample Result	mg/kg	70	350	95	110	92	100	128	108	90	88	98	-	
Duplicate Result	mg/kg	70	350	109	106	104	119	88	116	130	91	108	-	
RpD	%			na	na	na	na	na	na	na	na	na		
Zinc (Zn)														
Sample Result	mg/kg	150	750	120	155	138	167	149	55	107	97	185	-	
Duplicate Result	mg/kg	150	750	156	117	182	130	136	162	116	47	169	-	
RpD	%			na	na	na	na	na	na	na	na	na		
Analytical Laboratory Duplicates														
Lead (Pb)														
Sample Result	mg/kg	100	500	-	-	-	-	-	-	-	-	-	270	
Duplicate Result	mg/kg	100	500	-	-	-	-	-	-	-	-	-	<100	
RpD	%			-	-	-	-	-	-	-	-	-	na	
Zinc (Zn)														
Sample Result	mg/kg	3	15	-	-	-	-	-	-	-	-	-	494	
Duplicate Result	mg/kg	3	15	-	-	-	-	-	-	-	-	-	84	
RpD	%			-	-	-	-	-	-	-	-	-	142%	
Analytical Laboratory Replicates														
Lead (Pb)														
Sample Result	mg/kg	100	500	-	-	-	-	-	-	-	-	-	-	
Duplicate Result	mg/kg	100	500	-	-	-	-	-	-	-	-	-	-	
RpD	%			-	-	-	-	-	-	-	-	-	-	
Zinc (Zn)														
Sample Result	mg/kg	3	15	-	-	-	-	-	-	-	-	-	-	
Duplicate Result	mg/kg	3	15	-	-	-	-	-	-	-	-	-	-	
RpD	%			-	-	-	-	-	-	-	-	-	-	

Notes:
 na RptD value is not applicable because one or both results are less than the PQL.
 RpD: Relative Percent Difference = (Difference/Average)*100.
 PQL: Practical Quantitation Limit = 5 * Method Detection Limit (MDL).
 MDL: Method Detection Limit of analysis.

Field



[illegible]

Field	Salt Quantity Rate Action (G/2000g)
	EPH 110-79
	1600 mg/kg
	EPH 110-72
	2910 mg/kg
	1100-100 mg/kg

NS-26-2
 NORTH SHORE CONDITIONS AFTER
 REMEDIATION
 Gartner Lee
 PHOTO BY NPS

APPENDIX 7

HAZARDOUS MATERIALS



Gartner Lee Limited

to: Bruce Donald, P.Eng, Reclamation Manager, Teck Cominco Limited
From: Arlene Laudrum, P.Geol., Remediation Supervisor, Polaris Mine Project
Date: November 24, 2004
ref: 40137
re: **Non-PCBs Light Ballasts, Polaris Mine**

This memo is written to confirm that there were no polychlorinated biphenyl (PCB) containing capacitors in the light ballasts in the accommodation complex, auxiliary trailers or buildings that were demolished in 2003 and 2004.

During the Environmental Site Assessment (ESA) conducted by Gartner Lee Limited in 1999 and 2000 the Maintenance Superintendent and the Electrical Superintendent were interviewed and purchase orders for equipment checked with suppliers in order to confirm that there was no PCB containing equipment at the Polaris Mine. The interviews and purchase order reviews indicated that there was no PCB containing equipment on site. In addition, samples were collected and analyzed for PCBs from electrical transformers. The results of the analysis verified that there were no PCB containing electrical transformers on site.

However, no documentation generated during the ESA specifically discusses the absence of PCB containing light ballasts. Therefore, during the final stages of demolition the capacitor nameplates on twenty-seven (27) lamp ballasts from the accommodation complex, auxiliary trailers and outbuilding buildings were documented to confirm that no PCB containing capacitors were present.

The sample set presented in the following table verifies that no ballasts contained PCBs, as based on Environment Canada Environmental Protection Series Report EPS 2/CC/2 (revised) August 1991 entitled *Identification of Lamp Ballasts Containing PCBs*.

Capacitor Manufacture	Date Code	Manufacture Date	Product Label Statement	Interpretation
Advance	08-19-96	August 19, 1996	NO PCB's	Non-PCB is clearly marked on the capacitor. Advance ballasts manufactured from 1979 onwards do not contain PCB capacitors.
Advance	08-19-96	August 19, 1996	NO PCB's	
Alliance Ballasts	1901	January 1991	NO PCB's	Non-PCB is clearly marked on the capacitor.
Alliance Ballasts	1901	January 1991	NO PCB's	



Capacitor Manufacture	Date Code	Manufacture Date	Product Label Statement	Interpretation
CGE	0805	May 1980		CGE Ballasts manufactured from March 1978 onwards do not contain PCB capacitors.
CGE	0805	May 1980		
CGE	0805	May 1980		
CGE	0805	May 1980		
CGE	0805	May 1980		
CGE	0805	May 1980		
CGE	0805	May 1980		
CGE	0805	May 1980		
CGE	0805	May 1980		
CGE	1809	September 1981		
CGE	0804	April 1980		
CGE	4812	December 1984		
CGE	5810	October 1985		
CGE	0805	May 1980		
CGE	0801	January 1980		
MagneTek	C 92	March 1992	NO PCB's	Non-PCB is clearly marked on the capacitor. MagneTek ballasts manufactured after July 1980 do not contain PCB capacitors
MagneTek	C 92	March 1992	NO PCB's	
MagneTek	C 92	March 1992	NO PCB's	
MagneTek	C 92	March 1992	NO PCB's	
MagneTek	C 92	March 1992	NO PCB's	
Phillips	?		NO PCB's	Non-PCB is clearly marked on the capacitor.
Sola Ballasts	E95	May 1995		Any ballast manufactured by Solo in 1980 or later does not contain PCBs.
Sola Ballasts	E95	May 1995		

In summary, the samples of light ballasts collected during demolition confirm that no PCB containing capacitors were present at the Polaris Mine site during mine demolition.

Arlene Laudrum, P.Geol.
Senior Geologist
GARTNER LEE LIMITED

AL:gc

APPENDIX 8

MISCELLANEOUS WATER AND SOIL SAMPLES COLLECTED FROM SITE



CHEMICAL ANALYSIS REPORT

Date: October 22, 2004

ALS File No. U7585

Report On: TC-03-03 Soil Analysis

Report To: **Azimuth Consulting Group Inc.**
218 - 2902 West Broadway
Vancouver, BC
V6K 2G8

Attention: **Mr. Patrick Allard**

Received: September 1, 2004

ALS ENVIRONMENTAL

per:

Andre Langlais, M.Sc. - Project Chemist
Frederick Chen, B.Sc. - Section Coordinator

**RESULTS OF ANALYSIS - Sediment/Soil**

Sample ID	G Lake	G Bay- int
Sample Date	04-08-26	04-08-26
ALS ID	1	2

Physical Tests

pH	7.97
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Total Metals

Antimony	T-Sb	<10	<20
Arsenic	T-As	11.0	<10
Barium	T-Ba	984	711
Beryllium	T-Be	0.59	<1.0
Cadmium	T-Cd	3.01	<1.0
Chromium	T-Cr	18.6	15.1
Cobalt	T-Co	4.7	<4.0
Copper	T-Cu	28.1	15.1
Lead	T-Pb	71	<100
Mercury	T-Hg	0.070	<0.050
Molybdenum	T-Mo	<4.0	<8.0
Nickel	T-Ni	32.2	20
Selenium	T-Se	<2.0	<4.0
Silver	T-Ag	<2.0	<4.0
Tin	T-Sn	<5.0	<10
Vanadium	T-V	59.3	57.2
Zinc	T-Zn	1160	101

Organic Parameters

Total Organic Carbon	C	4.61
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Particle Size

Gravel	(>2.00mm)	(%)	<0.10	0.80
Sand	(2.00mm - 0.063mm)	(%)	2.30	48.1
Silt	(0.063mm - 4um)	(%)	71.7	40.1
Clay	(<4um)	(%)	26.0	11.0

Results are expressed as milligrams per dry kilogram except where noted.
 < = Less than the detection limit indicated.
 Total Organic Carbon results are expressed as percent, dry weight basis.

Appendix 1 - METHODOLOGY



Outlines of the methodologies utilized for the analysis of the samples submitted are as follows

pH in Soil

This analysis is carried out in accordance with procedures described in "Soil Sampling and Methods of Analysis" (CSSS). The procedure involves mixing the air-dried sample with deionized/distilled water. The pH of the solution is then measured using a standard pH probe. A one to two ratio of sediment to water is used for mineral soils and a one to ten ratio is used for highly organic soils.

Metals in Sediment/Soil

This analysis is carried out using procedures from CSR Analytical Method 8 "Strong Acid Leachable Metals (SALM) in Soil", BC Ministry of Environment, Lands and Parks, 26 June 2001, and procedures adapted from "Test Methods for Evaluating Solid Waste", SW-846 Method 3050B or Method 3051, United States Environmental Protection Agency (EPA). The sample is manually homogenized, dried at 60 degrees Celsius, sieved through a 2 mm (10 mesh) sieve, and a representative subsample of the dry material is weighed. The sample is then digested at 90 degrees Celsius for 2 hours by either hotplate or block digester using a 1:1 ratio of concentrated nitric and hydrochloric acids. Instrumental analysis is by atomic absorption/fluorescence spectrophotometry (EPA Method 7000 series), inductively coupled plasma - optical emission spectrophotometry (EPA Method 6010B), and/or inductively coupled plasma - mass spectrometry (EPA Method 6020).

Method Limitation: This method is not a total digestion technique. It is a very strong acid digestion that is intended to dissolve those metals that may be environmentally available. By design, elements bound in silicate structures are not normally dissolved by this procedure as they are not usually mobile in the environment.

Recommended Holding Time:

Sample:	6 months (Hg = 28 days)
Extract:	6 months (Hg = 28 days, Sb & Sn = 7 days)
Reference:	BCMELP
For more detail see ALS Environmental "Collection & Sampling Guide"	

Total Carbon, Total Organic Carbon and Inorganic Carbon in Sediment/Soil

This analysis is carried out in accordance with U.S. EPA Method 9060A (Publ. # SW-846 3rd ed., Washington, DC 20460). Total Carbon is determined by high temperature oxidation of carbon to carbon dioxide which is then measured by means of a nondispersive infrared analyzer. Inorganic Carbon is determined by reaction with phosphoric acid to convert all carbonates to carbon dioxide which is also measured by means of a nondispersive infrared analyzer. Total Organic Carbon is determined as the difference between Total and Inorganic Carbons.

Recommended Holding Time:

File No. U7585

Appendix 1 - METHODOLOGY - Continued



Sample: 14 days

Reference: Puget

For more detail see ALS "Collection & Sampling Guide"

Particle Size Distribution in Sediment/Soil

This analysis is carried out using a method adapted for Fisheries and Environment Canada, Ottawa, described in Walton, 1978. The procedure involves oven-drying and sample pre-treatment to remove organics, prior to using standard sieves for the sand and silt fractions and the pipette method for the clay fraction.

Laboratory Location: Pacific Soil Analysis Inc., Richmond (Subcontract)

Results contained within this report relate only to the samples as submitted.

This Chemical Analysis Report shall only be reproduced in full, except with the written approval of ALS Environmental.

End of Report



CHEMICAL ANALYSIS REPORT

Date: September 29, 2004

ALS File No. U8363

Report On: Polaris/ TC-03-03
Water Analysis

Report To: **Azimuth Consulting Group Inc.**
218 - 2902 West Broadway
Vancouver, BC
V6K 2G8

Attention: **Mr. Randy Baker**

Received: September 20, 2004

ALS ENVIRONMENTAL

per:

Leanne Harris

Leanne Harris, B.Sc. - Project Chemist
Andre Langlais, M.Sc. - Project Chemist

File No. U8363

RESULTS OF ANALYSIS - Water



Sample ID	F-FRUST-
	TSS-
	12200
Sample Date	04-09-03
Sample Time	17:00
ALS ID	1

Physical Tests

Total Suspended Solids

3.3

Results are expressed as milligrams per litre except where noted.

Appendix 1 - METHODOLOGY



Outlines of the methodologies utilized for the analysis of the samples submitted are as follows

Solids in Water

This analysis is carried out using procedures adapted from APHA Method 2540 "Solids". Solids are determined gravimetrically. Total dissolved solids (TDS) and total suspended solids (TSS) are determined by filtering a sample through a glass fibre filter, TDS is determined by evaporating the filtrate to dryness at 180 degrees celsius, TSS is determined by drying the filter at 104 degrees celsius. Total solids are determined by evaporating a sample to dryness at 104 degrees celsius. Fixed and volatile solids are determined by igniting a dried sample residue at 550 degrees celsius.

Recommended Holding Time:

Sample: 7 days

Reference: APHA

For more detail see ALS Environmental "Collection & Sampling Guide"

Results contained within this report relate only to the samples as submitted.

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End of Report

APPENDIX 9

PROJECT COST REPORT

POLARIS MINE DECOMMISSIONING, RECLAMATION AND MONITORING COST ESTIMATE
END OF RECLAMATION PHASE COST UPDATE

	BUDGET		Estimate to Complete		End of Project PROJECT COST	
	By Code	Subtotals	By Code	Subtotals	By Code	Subtotals
DEMOLITION & RECLAMATION (BARE COSTS)						
MINE EQUIPMENT REMOVAL						
Hazardous Materials Removal		35,845			853	
Mine Refrigeration Plant		145,525			25,639	
Mobile & Mine Equipment		2,919			12,981	
Remove Salvaged Mine Equipment		20,754			-	
Misc Sub Contract Costs		45,957			28,540	
		\$ 251,000		\$ -		\$ 68,013
MINE ACCESS SEALING						
Seal Mine Portals		60,000			20,992	
		\$ 60,000		\$ -		\$ 20,992
CONCENTRATOR BUILDING						
Miscellaneous Materials		22,092			-	
Mill Equipment Clean-Up - Fuels		16,398			-	
Mill Equipment Clean-Up		99,900			40,613	
Hazardous Materials Removal		151,117			94,553	
Barge Demolition		608,592			443,526	
Misc Process Equipment Demolition & Removal		197,432			183,317	
Misc Sub Contract Costs		88,469			84,794	
		\$ 1,184,000		\$ -		\$ 846,803
CONCENTRATE STORAGE STRUCTURE & EQUIPMENT						
Concentrate Storage Equipment Clean-Up		26,117			1,905	
Conveyors		67,600			8,421	
Concentrate Storage Structure & Equipment		555,283			93,654	
		\$ 649,000		\$ -		\$ 103,980
SHIP LOADER & CONVEYOR						
Conveyors		50,000			24,592	
		\$ 50,000		\$ -		\$ 24,592
DOCK & SHORELINE						
Dock & Shoreline Reclamation		869,000			837,739	
		\$ 869,000		\$ -		\$ 837,739
THICKENER & TAILINGS LINES						
Hazardous Materials Removal		22,577			16,452	
Tailings Thickener		377,423			106,677	
		\$ 400,000		\$ -		\$ 123,129
GARROW LAKE						
Garrow Lake Siphons & Lake Drawdown		120,391			195,965	
Dam/Spillway Modifications		95,467			269,662	
Escalation Allowance		3,142			-	
		\$ 219,000		\$ -		\$ 465,627
CRF PLANT STRUCTURE & EQUIPMENT						
CRF Plant Equipment Clean-Up		7,002			1,040	
CRF Plant Equipment Removal		17,533			9,406	
CRF Plant Buildings Demolition		130,455			23,497	
Misc Sub Contract Costs		11,010			46,766	
		\$ 166,000		\$ -		\$ 80,709
ACCOMMODATION COMPLEX STRUCTURE & EQUIPMENT						
Accommodation Complex Building Demolition		249,000			72,318	
		\$ 249,000		\$ -		\$ 72,318
FUEL STORAGE & HANDLING EQUIPMENT						
Miscellaneous Materials		3,681			4,904	
Purge & Decommission Fuel Tanks		53,404			341,959	
Hazardous Materials Removal		50,645			547,319	
Fuel Pumping & Distribution Systems		87,270			11,173	
		\$ 195,000		\$ -		\$ 905,355
BUILDINGS & CONTAINERS						
Miscellaneous Materials		1,323			-	
Misc Warehouse / Shipping Equipment		1,221			3,292	
Misc Buildings Demolition		250,456			100,053	
		\$ 253,000		\$ -		\$ 103,345
MISC CONTRACTOR LABOUR						
Unallocated Labour		133,000			2,310	
		\$ 133,000		\$ -		\$ 2,310
GENERAL SITE GRADING						
Hazardous Materials Removal		44,719			90,114	
General Site Grading & Reclamation		7,129	200,000		702,089	
Escalation Allowance		4,152			-	
		\$ 56,000		\$ 200,000		\$ 792,203

POLARIS MINE DECOMMISSIONING, RECLAMATION AND MONITORING COST ESTIMATE
END OF RECLAMATION PHASE COST UPDATE

	BUDGET		Estimate to Complete		End of Project PROJECT COST	
	By Code	Subtotals	By Code	Subtotals	By Code	Subtotals
LANDFILL RECLAMATION						
Landfill Reclamation	432,000				821,746	
		\$ 432,000		\$		\$ 821,746
CONTAMINATED SOILS - CLEANUP						
Metals & Hydrocarbon Contaminated Soils Cleanup & Disposal	366,623				2,627,104	
Hydrocarbon Contaminated Soils (By Polaris)	6,097				13,131	
Metals Contaminated Soils (By Polaris)	173,605				52,382	
U/G Handling & Disposal Of Contaminated Soils	48,675				1,012,154	
		\$ 595,000		\$		\$ 3,704,771
QUARRIES & MINE SURFACE RECLAMATION (EARTHWORK)						
Backfill & Re-Contouring	263,000				273,711	
		\$ 263,000		\$		\$ 273,711
MISC. DEMOLITION & CLEAN-UP						
Misc Unallocated Clean-Up / Demo	380,000				-	
		\$ 380,000		\$		\$ -
EQUIPMENT PURCHASE/RENTAL						
Contractor Equipment Rental	5,274,900				5,216,572	
Contractor Misc Equipment Purchase	719,407				432,906	
Escalation Allowance	59,693				-	
		\$ 6,054,000		\$		\$ 5,649,478
MISC. SERVICES & SUPPLIES						
Misc Purchased Materials / Supplies	235,333				536,124	
Escalation Allowance	19,667				-	
		\$ 255,000		\$		\$ 536,124
FUEL						
Fuel Supply	3,294,536				4,216,186	
Fuel Taxes (Heating & Power Generation)	68,677				-	
Fuel Taxes (Equipment)	467,343				713,101	
Escalation Allowance	157,444				-	
		\$ 3,988,000		\$		\$ 4,929,287
MAINTENANCE OF EQUIPMENT & FACILITIES						
Mobile Equip Maintenance	1,296,759				7,682,560	
Building Maintenance	506,923				2,136,535	
Escalation Allowance	101,318				-	
		\$ 1,905,000		\$		\$ 9,819,095
PRE - PURCHASED EQUIPMENT (BY COMINCO)						
Construction Equipment - Purchase (By Owner)	541,000				893,766	
		\$ 541,000		\$		\$ 893,766
CONTRACTOR'S FIELD SUPPORT & SUPPLIES						
TRANSPORTATION (SHIPPING)						
Packing & Preparation	85,326				-	
Shipping Costs	948,661				3,411,970	
Escalation Allowance	78,013				-	
		\$ 1,112,000		\$		\$ 3,411,970
CONTRACTOR MOB, DEMOB & SUPERVISION						
Contractor Mob/Demob	61,883				208,747	
Contractor Supervisory/Admin Personnel	2,127,339				3,758,445	
Safety Services & Supplies	36,000				521,604	
Misc Temporary Services / Modifications	223,824				1,007,843	
Escalation Allowance	13,954				-	
		\$ 2,463,000		\$		\$ 5,496,639
MISC. SERVICES & SUPPLIES						
Communications & TV	374,000				256,412	
Escalation Allowance	31,000				-	
		\$ 405,000		\$		\$ 256,412
ACCOMODATIONS						
Catering	1,487,166				2,153,968	
Escalation Allowance	122,834				-	
		\$ 1,610,000		\$		\$ 2,153,968
TRAVEL & PERSONNEL						
Travel (Airlines & Expenses)	1,552,881				4,683,561	
Travel Premium - Revised Rotation Schedule	1,072,773				-	
Misc Personnel Transport	72,274				391,547	
Escalation Allowance	575,072				-	
		\$ 3,273,000		\$		\$ 5,075,108

POLARIS MINE DECOMMISSIONING, RECLAMATION AND MONITORING COST ESTIMATE

END OF RECLAMATION PHASE COST UPDATE

	BUDGET		Estimate to Complete		End of Project PROJECT COST	
	By Code	Subtotals	By Code	Subtotals	By Code	Subtotals
CONTRACTOR INDIRECTS						
HO MOB & DEMOB SUPPORT						
Mob & Demob		1,912,000			1,912,376	
		\$ 1,912,000		\$ -		\$ 1,912,376
CONTRACTOR MANAGEMENT SUPPORT						
Personnel		3,928,932			3,928,932	
Safety & First Aid Personnel to Provide Overlap		184,068			183,644	
		\$ 4,113,000		\$ -		\$ 4,112,576
OTHER CONTRACTOR INDIRECTS						
Contractor's General Indirects		4,952,000			7,470,401	
		\$ 4,952,000		\$ -		\$ 7,470,401
ENGINEERING / PROJECT MANAGEMENT						
ENVIRONMENTAL SITE ASSESSMENT						
Environmental Consultants - Site Assessment		275,787			354,711	
Site Assessment - Unallocated		207,874			105,263	
Escalation Allowance		2,339			-	
		\$ 486,000		\$ -		\$ 459,974
CLOSURE PLAN						
Environmental Consultants - Closure Plan		415,772			372,272	
Escalation Allowance		2,228			-	
		\$ 418,000		\$ -		\$ 372,272
ENGINEERING / SPECIAL CONSULTANTS						
Design Consultants - Dock / Loadout		1,316			1,320	
Design Consultants - Tailings / Garrow Lake		3,520			3,515	
Design Consultants - Dock / Loadout		79,684			65,354	
Design Consultants - Tailings / Garrow Lake		54,780			45,328	
Sitework & Demolition Procedures - Design Services		18,300			46,825	
Escalation Allowance		2,400			-	
		\$ 160,000		\$ -		\$ 162,342
PROJECT MANAGEMENT CONSULTANT (HO STAFF)						
Project Management - Salaries		411,069			1,289,847	
Project Management - Reimb Expenses		100,000			85,492	
Escalation Allowance		31,931			-	
		\$ 543,000		\$ -		\$ 1,375,339
CONSTRUCTION MANAGEMENT (FIELD STAFF)						
Construction Management - Salaries		2,142,878			1,915,004	
Escalation Allowance		179,122			-	
		\$ 2,322,000		\$ -		\$ 1,915,004
ENVIRONMENTAL TESTING AND SAMPLING						
Environmental Reclamation Supervision - Staff		337,123			1,038,747	
Escalation Allowance		29,550			-	
Environmental Reclamation Supervision - Testing		330,000			171,498	
Additional Sampling and Consultant Services (MMER)		0			354,386	
Escalation Allowance		26,327			-	
		\$ 723,000		\$ -		\$ 1,564,631
OWNER'S COSTS						
SALARIES & EXPENSES						
Teck Cominco HO Proj Mgmt (Staff Lab)		374,631			476,911	
Teck Cominco HO Proj Mgmt (Misc Material & Exp)		199,149			221,031	
Escalation Allowance		34,220			-	
		\$ 608,000		\$ -		\$ 697,942
OVERHEAD / HO SUPPORT						
Land Leases, Licences		175,000			96,979	
Miscellaneous Permits		45,000			16,889	
Insurance		445,900			319,459	
Property Taxes		495,000			180,412	
Home Office General Admin (Labour & Exp)		722,384			16,700	
Public Relations		74,292			58,718	
Legal		57,540			48,421	
Escalation Allowance		168,560			-	
Misc Owner's Overhead		6,324			13,882	
		\$ 2,190,000		\$ -		\$ 751,460
GENERAL ADMIN						
Closure Management - Polaris Personnel		54,000			-	
Escalation Allowance		2,880			-	
Closure Wrap Up		5,120			-	
		\$ 62,000		\$ -		\$ -
POST RECLAMATION COSTS (2005 - 2011)						
SITE MONITORING AND HOLDING COSTS						
Annual Post Closure Environmental Monitoring (2005 to 2011)		510,000		510,000	510,000	
Final Sampling Program, Data Evaluation and Reporting in 2011		160,000		160,000	160,000	
Land Lease/Licence costs from 2005 to 2011		126,000		126,000	126,000	
Property Taxes - 2005 to 2011		70,000		70,000	70,000	
Escalation Allowance		135,000		135,000	135,000	
		\$ 1,001,000		\$ 1,001,000		\$ 1,001,000
UNALLOCATED						
Uncoded Forecast Cost Adjustments (Net)		-		-	-	
		\$ -		\$ -		\$ -
TOTAL DECOMMISSIONING / RECLAMATION & MONITORING COSTS		\$ 47,500,000		\$ 1,201,000		\$ 69,264,507

APPENDIX 10

RECORD of DEBRIS

PLACED INTO

LITTLE RED DOG QUARRY LANDFILL